Name Of Work: PROVIDING DRINKING WATER FACILITIES IN WARD OFFICE ROAD, AYYAPPA NAGARA AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 1

Item Name: KSRB 2-1.2 : Earthwork in surface excavation in Hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1. (P.No. 5/I.No. 2.2 of CSR 2015-16)

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	4th cross to Sharadamba temple(Ward office Road Ayyapanagar)g00									
	0.00	30.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	30.00	60.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	60.00	90.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	90.00	120.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	120.00	150.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	150.00	180.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	180.00	210.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	210.00	240.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	240.00	270.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	270.00	300.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	300.00	330.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	330.00	360.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	360.00	390.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	390.00	395.00	2	5.00	0.85	0.85	0.85	0.600	5.10	
	8th Main									
	0.00	30.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	30.00	60.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	60.00	90.00	2	30.00	0.85	0.85	0.85	0.600	30.60	
	90.00	100.00	2	10.00	0.85	0.85	0.85	0.600	10.20	
	7th Main									
	0.00	30.00	1	30.00	0.85	0.85	0.85	0.600	15.30	
	30.00	60.00	1	30.00	0.85	0.85	0.85	0.600	15.30	
	60.00	90.00	1	30.00	0.85	0.85	0.85	0.600	15.30	
	90.00	120.00	1	30.00	0.85	0.85	0.85	0.600	15.30	
	120.00	150.00	1	30.00	0.85	0.85	0.85	0.600	15.30	
	150.00	180.00	1	30.00	0.85	0.85	0.85	0.600	15.30	
	180.00	210.00	1	30.00	0.85	0.85	0.85	0.600	15.30	
	210.00	240.00	1	30.00	0.85	0.85	0.85	0.600	15.30	
	6th main									

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	0.00	30.00	1	30.00	0.85	0.85	0.85	0.600	15.30	
	30.00	60.00	1	30.00	0.85	0.85	0.85	0.600	15.30	
	60.00	90.00	1	30.00	0.85	0.85	0.85	0.600	15.30	
	90.00	110.00	1	20.00	0.85	0.85	0.85	0.600	10.20	
	6th Cross									
	0.00	30.00	1	30.00	0.85	0.85	0.85	0.600	15.30	
	30.00	60.00	1	30.00	0.85	0.85	0.85	0.600	15.30	
	60.00	90.00	1	30.00	0.85	0.85	0.85	0.600	15.30	
	90.00	110.00	1	20.00	0.85	0.85	0.85	0.600	10.20	
								Total Qty Work Done	1404.54	Cum
								Qty Payable in this bill	1377.00	Cum

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Asst Engineer
Ward no.16,BBMP
29/2/18

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP
2/6/18

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN WARD OFFICE ROAD, AYYAPPA NAGARA AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	1
Item Name:	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5. (P.No. 5/I.No. 2.4 of CSR 2015-16)

SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	4th cross to Sharadamba temple(Ward office Road Ayyapanagar)g00									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	150.00	180.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	180.00	210.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	210.00	240.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	240.00	270.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	270.00	300.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	300.00	330.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	330.00	360.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	360.00	390.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	390.00	395.00	2	5.00	0.30	0.30	0.30	0.600	1.80	
	8th Main									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	90.00	100.00	2	10.00	0.30	0.30	0.30	0.600	3.60	
	7th Main									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	90.00	120.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	120.00	150.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	150.00	180.00	1	30.00	0.30	0.30	0.30	0.600	5.40	

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			26	1.50	0.30	0.30	0.30	0.600	7.02	
	6th Cross									
			26	1.50	0.30	0.30	0.30	0.600	7.02	
								Total Qty Work Done	587.79	Cum
								Qty Payable in this bill	587.79	Cum

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Asst Engineer
Ward no.16,BBMP

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN WARD OFFICE ROAD, AYYAPPA NAGARA AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	3									
Item Name:	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Cement concrete road.									
SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	6th main									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	120.00	122.00	2	2.00	0.30	0.30	0.30	0.150	0.18	
	6th Main 'A' Cross									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	120.00	122.00	2	2.00	0.30	0.30	0.30	0.150	0.18	
	6th Main 'B' Cross									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	150.00	160.00	2	10.00	0.30	0.30	0.30	0.150	0.90	
								Total Qty Work Done	**36.36**	**Cum**
								Qty Payable in this bill	**36.36**	**Cum**

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultant Representative

Asst Engineer
Ward no.16,BBMP
2/8/18

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP
2/8/18

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN WARD OFFICE ROAD, AYYAPPA NAGARA AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 4

Item Name: Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Asphalt surface road. (P.No.257/I.No. 37.38 of CSR 2015-16)

SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	4th cross to Sharadamba temple(Ward office Road Ayyapanagar)g00									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	150.00	180.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	180.00	210.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	210.00	240.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	240.00	270.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	270.00	300.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	300.00	330.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	330.00	360.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	360.00	390.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	390.00	395.00	2	5.00	0.30	0.30	0.30	0.150	0.45	
	8th Main									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	100.00	2	10.00	0.30	0.30	0.30	0.150	0.90	
	7th Main									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	90.00	120.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	120.00	150.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	150.00	180.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	180.00	210.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	210.00	240.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	Ayappanagara Pipe line									

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	90.00	110.00	1	20.00	0.30	0.30	0.30	0.150	0.90	
								Total Qty Work Done	87.57	Cum
								Qty Payable in this bill	86.75	Cum

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultant Representative

Asst Engineer
Ward no.16,BBMP

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN WARD OFFICE ROAD, AYYAPPA NAGARA AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

Item No: 5 — First and Final

Item Name: Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 50mm nominal OD pipes

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	4th cross to Sharadamba temple(Ward office Road Ayyapanagar)g00									
	0.00	30.00	2	30.00					60.00	
	30.00	60.00	2	30.00					60.00	
	60.00	90.00	2	30.00					60.00	
	90.00	120.00	2	30.00					60.00	
	120.00	150.00	2	30.00					60.00	
	150.00	180.00	2	30.00					60.00	
	180.00	210.00	2	30.00					60.00	
	210.00	240.00	2	30.00					60.00	
	240.00	270.00	2	30.00					60.00	
	270.00	300.00	2	30.00					60.00	
	300.00	330.00	2	30.00					60.00	
	330.00	360.00	2	30.00					60.00	
	360.00	390.00	2	30.00					60.00	
	390.00	395.00	2	5.00					10.00	
	8th Main									
	0.00	30.00	2	30.00					60.00	
	30.00	60.00	2	30.00					60.00	
	60.00	90.00	2	30.00					60.00	
	90.00	100.00	2	10.00					20.00	
	7th Main									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	120.00	1	30.00					30.00	
	120.00	150.00	1	30.00					30.00	
	150.00	180.00	1	30.00					30.00	

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	90.00	100.00	1	10.00					10.00	
	4th Cross									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	5th Cross									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	110.00	1	20.00					20.00	
	6th Cross									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	110.00	1	20.00					20.00	
								Total Qty Work Done	**2754.00**	**Mtr**
								Qty Payable in this bill	**2754.00**	**Mtr**

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Asst Engineer 30/3/18
Ward no.16,BBMP

Asst.Executive Engineer 21/6/18
Yashwanthapura Sub Division,BBMP
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN WARD OFFICE ROAD, AYYAPPA NAGARA AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

Item No:	11	First and Final
Item Name:	KSRRB M100-4.1. Cost of Haulage Excluding Loading and Unloading MORTH - 100/ Chapter 1 Case-I : Surface Road KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1	

SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Qnty Vide From Item No 1								
								1377.00	
	50% Qnty Vide From Item No 2								
								293.90	
							Total Qty Work Done	**1670.90**	**Cum**
							Qty Payable in this bill	**1670.90**	**Cum**

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Asst Engineer
Ward no.16,BBMP
20/4/18

Asst. Executive Engineer
Yashwanthapura Sub Division,BBMP
24/4/18

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